

DESIGNATION	AMINO ACID SEQUENCE	GPIIIa LOCATION
SEQ ID No: 1	VSPMCAWCSDEALPL	19-33
SEQ ID No: 2	SPMCAWCSDEALPLG	20-34
SEQ ID No: 3	PMCAWCSDEALPLGS	21-35
SEQ ID No: 4	MCAWCSDEALPLGSP	22-36
SEQ ID No: 5	CAWCSDEALPLGSPR	23-37
SEQ ID No: 6	AWCSDEALPLGSPRC	24-38
SEQ ID No: 7	WCSDEALPLGSPRCD	25-39
SEQ ID No: 8	CSDEALPLGSPRCDL	26-40
SEQ ID No: 9	SDEALPLGSPRCDLK	27-41
SEQ ID No: 10	DEALPLGSPRCDLKE	28-42
SEQ ID No: 11	EALPLGSPRCDLKEN	29-43
SEQ ID No: 12	ALPLGSPRCDLKENL	30-44
SEQ ID No: 13	LPLGSPRCDLKENLL	31-45
SEQ ID No: 14	PLGSPRCDLKENLLK	32-46
SEQ ID No: 15	LGSPRCDLKENLLKD	33-47
SEQ ID No: 16	VSPMCAWCSDEALPP	19-33
SEQ ID No: 17	SPMCAWCSDEALPPG	20-34
SEQ ID No: 18	PMCAWCSDEALPPGS	21-35
SEQ ID No: 19	MCAWCSDEALPPGSP	22-36
SEQ ID No: 20	CAWCSDEALPPGSPR	23-37
SEQ ID No: 21	AWCSDEALPPGSPRC	24-38
SEQ ID No: 22	WCSDEALPPGSPRCD	25-39
SEQ ID No: 23	CSDEALPPGSPRCDL	26-40
SEQ ID No: 24	SDEALPPGSPRCDLK	27-41
SEQ ID No: 25	DEALPPGSPRCDLKE	28-42
SEQ ID No: 26	EALPPGSPRCDLKEN	29-43
SEQ ID No: 27	ALPPGSPRCDLKENL	30-44
SEQ ID No: 28	LPPGSPRCDLKENLL	31-45
SEQ ID No: 29	PPGSPRCDLKENLLK	32-46
SEQ ID No: 30	PGSPRCDLKENLLKD	33-47

Figure 1

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HPA-1b1b Ab Pos Mothers	Age	anti-HPA-1a Antibodies *		Stimulatory Peptides (SI>3)
		Ab Status	Baby Plt type	
NAIT-T31	40	POS	HPA-1a1b	SEQ ID Nos. 1, and 13
NAIT-T32	41	POS	HPA-1a1b	SEQ ID Nos. 1, 3, 5, 6, 12, and 13
NAIT-T33	33	POS	HPA-1a1b	SEQ ID Nos. 1, 2, 3, 4, and 7
NAIT-T34	35	POS	HPA-1a1b	0
NAIT-T35	42	POS	HPA-1a1b	SEQ ID Nos. 1, 2, and 5
NAIT-T36	30	POS	HPA-1a1b	SEQ ID No. 3
NAIT-T37	33	POS	HPA-1a1b	SEQ ID Nos. 1, 3, 4, 5, 6, 9, 11, 12, 19, 20, 22, and 25
NAIT-T39	39	POS	HPA-1a1b	0
NAIT-T40	28	POS	HPA-1a1b	SEQ ID Nos. 1, 2, 3, 13, 15, and 18
NAIT-T42	33	POS	HPA-1a1b	SEQ ID Nos. 1, and 4
NAIT-T65	37	Neg **	HPA-1a1b	0
VM2031	45	POS	HPA-1a1b	SEQ ID No. 5
SH2059	40	POS	HPA-1a1b	0
KK2098	35	Neg **	HPA-1a1b	0
HPA-1b1b Ab Neg Mothers		anti-HPA-1a Antibodies *		Stimulatory Peptides (SI>3)
		Ab Status	Baby Plt type	
NAIT-T61	36	Neg	HPA-1a1b	None
NAIT-T62	21	Neg	HPA-1a1b	None
NAIT-T63	36	Neg	HPA-1a1b	None
NAIT-T66	34	Neg	HPA-1a1b	SEQ ID Nos. 12, 13, and 16
NAIT-T38	35	Neg	HPA-1a1b	None
NAIT-T41	34	Neg	HPA-1a1b	SEQ ID Nos. 12 and 20
NAIT-T64	28	Neg	HPA-1a1b	None

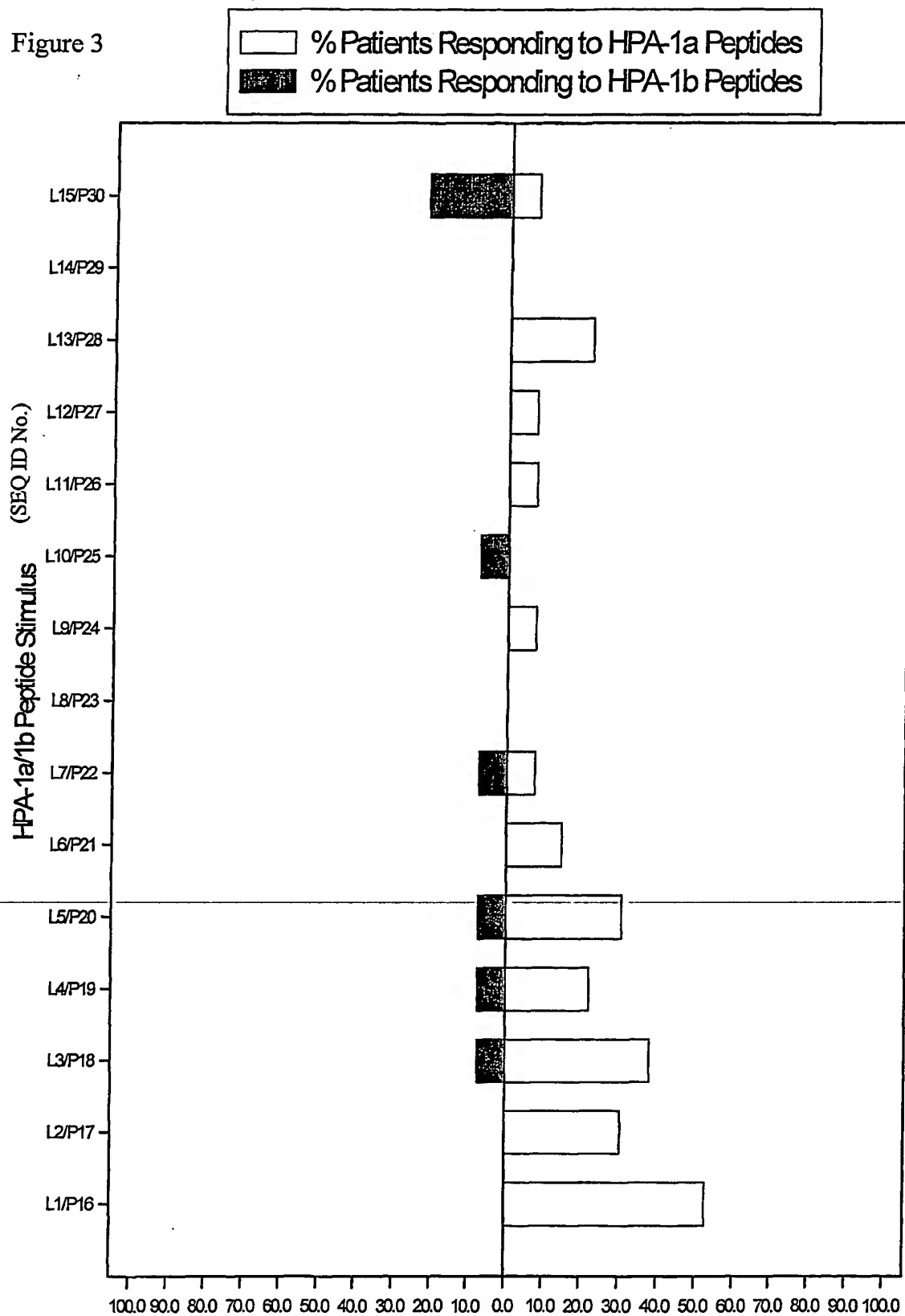
* at the time of testing

** positive during pregnancy

Figure 2

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Figure 3



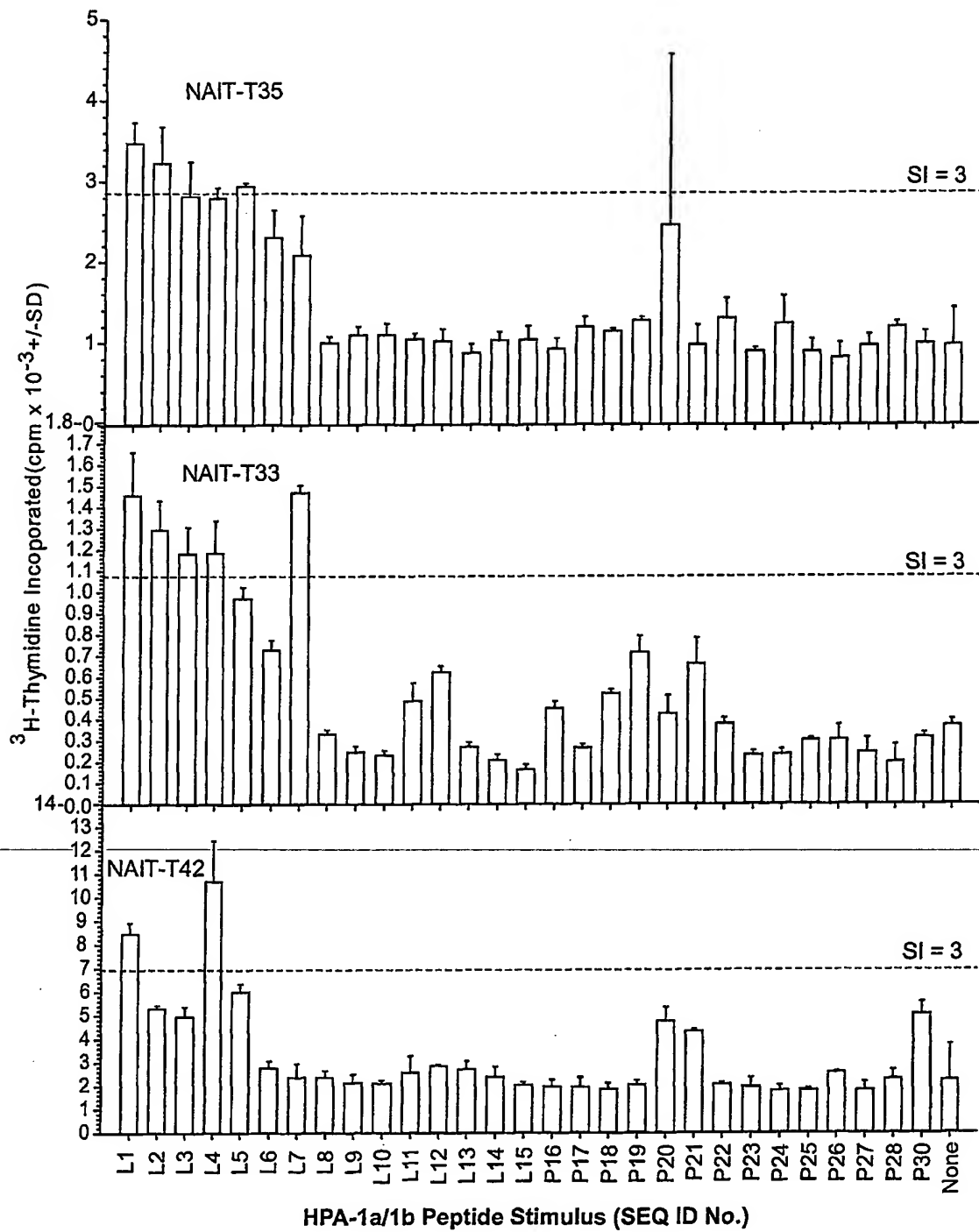
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Control Subjects	Age	HPA-1 Genotype		anti-HPA-1a Ab Status	Stimulatory Peptides (SI>3)
		Donor Plt type			
HPA-1b1b Ab Neg Male Donor					
NAIT-T67	49			Neg	None
HPA-1a Female Control Donors					
C31	42		HPA-1a1a	Neg	None
C32	36		HPA-1a1a	NT	None
C33	48		HPA-1a1a	NT	None
C34	38		HPA-1a1a	Neg	None
C35	47		HPA-1a1a	Neg	None
C36	48		HPA-1a1b	NT	None
C37	37		HPA-1a1b	Neg	None
C38	32		HPA-1a1b	NT	None
C39	56		HPA-1a1b	NT	None
C40	33		HPA-1a1a	Neg	None
C41	28		HPA-1a1b	NT	None

Figure 4

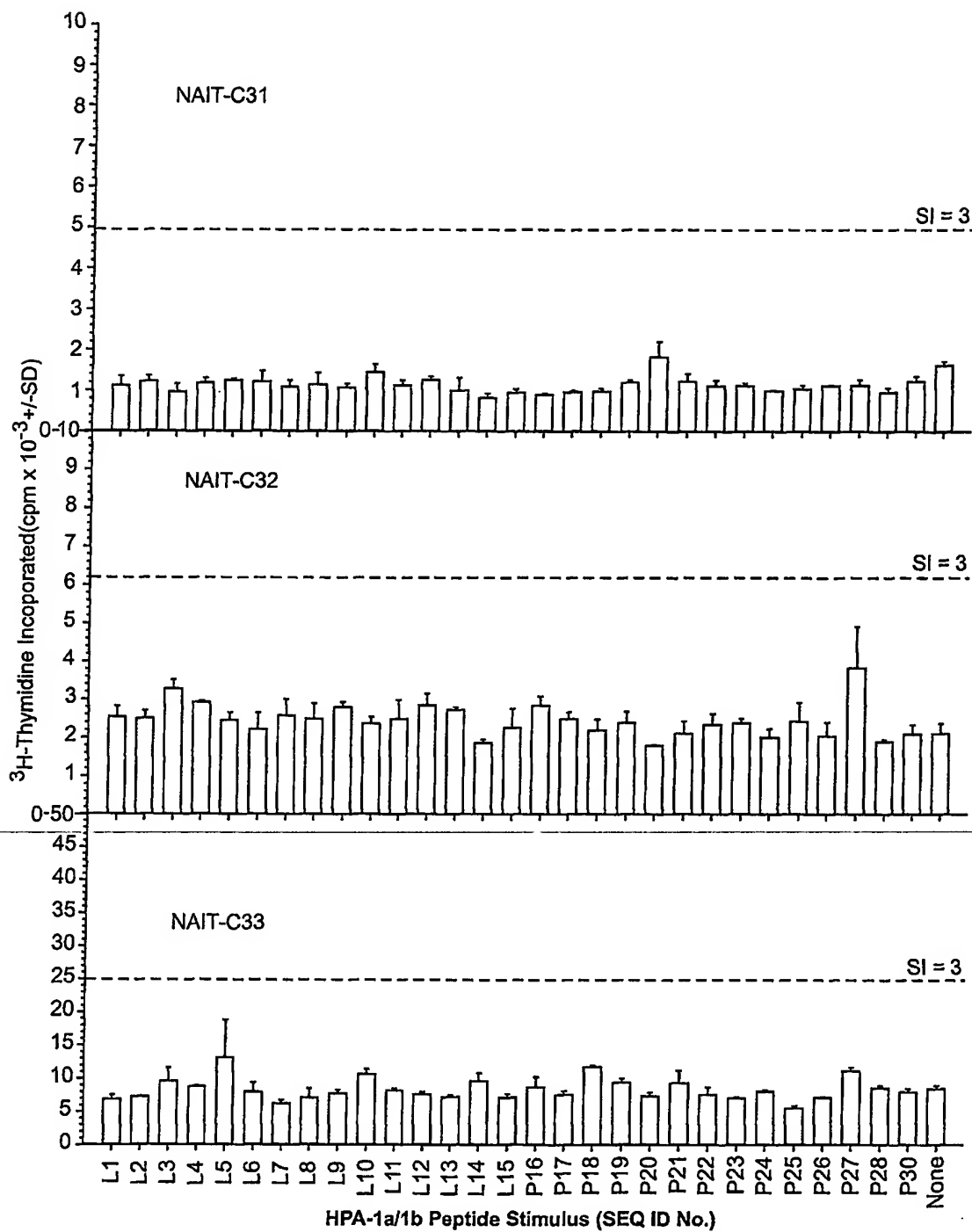
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Figure 5



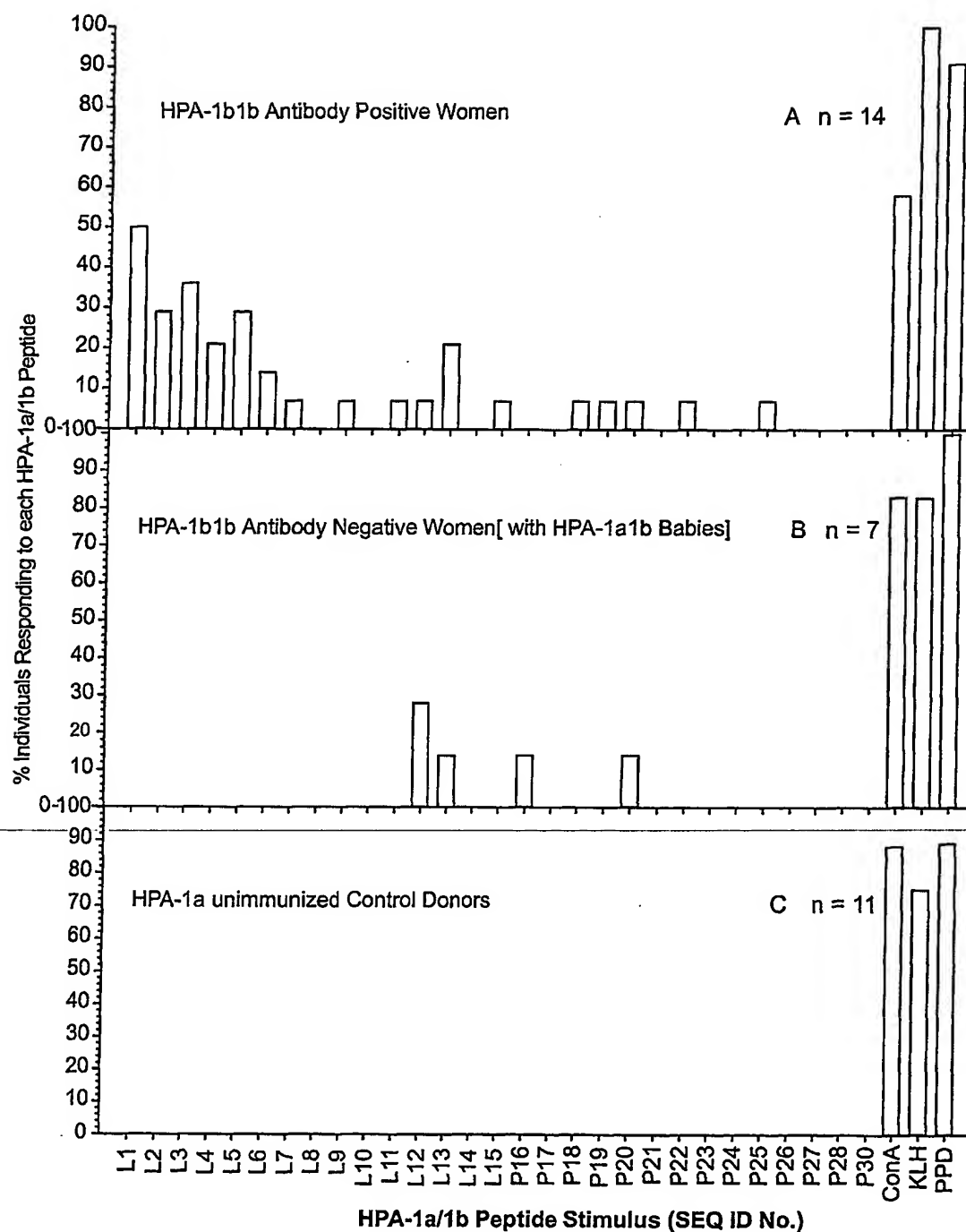
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Figure 6



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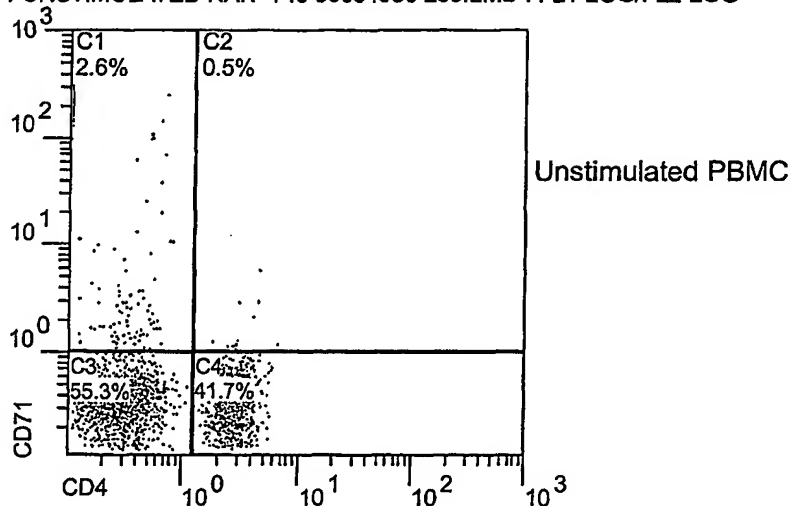
Figure 7



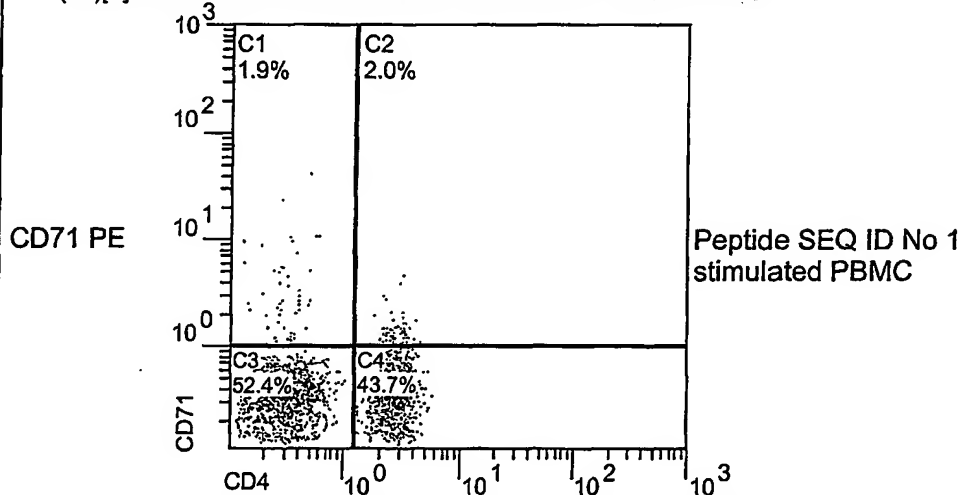
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Figure 8

(F2)[A] CD71 UNSTIMULATED NAIT-T40 00054586 259.LMD : FL1 LOG/FL2 LOG



(F2)[A] CD71 L1 NAIT-T40 00054587 260.LMD : FL1 LOG/FL2 LOG



(F2)[A] CD71 L1 NAIT-T40 00054588 261.LMD : FL1 LOG/FL2 LOG

